

VESELOVA, G.K.

Deviations of the actual wind from the geostrophic at the
earth's surface. Trudy TSIP no.144:47-52 '65. (MIRA 18:11)

D.L'VIN, V.A.; VEREVA, G.F.

Bonus system of wages for workers in superphosphate production. Khim. prom. no.7:502-503 JI '61. (MIRA 14:7)

1. Vs sovmenny nauchno-issledovatel'skiy institut udobreniy i insktofungitsidov.

(Phosphates)

(Bonus system)

VESELOVA, I. A.

Cand Tech Sci - (diss) "Bitter taste of cheese as an effect of changes in its chemical composition." Leningrad, 1961. 20 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Technology Inst of the Refrigeration Industry); 200 copies; price not given; (KL, 7-61 sup, 233)

VESHLOVA, I.A.

Bacteria of the *Mannococcus* group as one of the causes of bitterness
in cheese. Mikrobiologiya 29 no.1:137-141 Ja-Y '60. (MIRA 13:5)

1. Vologodskiy molochnyy institut.
(CHINESE microbiol.)
(STREPTOCOCCUS)

I 44693-66 EWT(d)/EWT(m)/EWP(k)/EWP(h)/EWP(w)/EWP(v)/EWP(t)/EWP(i)/ETI LJP(c)
ACC NR: AR6010653 EM/WW/BC/JD SOURCE CODE: UR/0276/65/000/010/B176/B176

AUTHOR: Veselova, I. M.

58
50B F

TITLE: Theory of calculating the accuracy of the shape of components machined by grinding under automated production conditions

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 10B1184

REF SOURCE: Tr. Seminara po vopr. progressivn. metodov shlifov. i dovodki detaley, obespech. vysok. i stabil'n tochnost' i dolgovechn. podshipnikov kacheniya. M., 1964, 205-214

TOPIC TAGS: grinding, bearing race, ball bearing, slotting machine, machine tool, AUTOMATIC CONTROL THEORY, FINISHING MACHINE, METAL CUTTING

ABSTRACT: The author proposes conditional analysis of machine tools into an automatic control chain with links which fulfill certain function in conformity with the physical, chemical and other processes which take place during mechanical finishing, which facilitates a mathematical description of the machine tools and makes it possible to use the methods of automatic control theory for solving differential equations which describe the behavior of the machine tools during the cutting process. Consideration is given to a mathematical description of the OLC-25 slot grinder which operates by the notching method and is designed for grinding the races on the inner ring of ball bearings. A mathematical description of a machine tool may be used for calculating the spread in

UDC: 621.925.8.001.5

Card 1/2

L 44693-66

ACC NR: AR6010653

dimensions and in the amplitudes of irregularities in the part after a given technological operation. In addition, a description and determination of the parameters of rigidity and the cutting constant are useful for indicating the degree to which these parameters affect the accuracy and productivity of a technological operation. Hence these parameters should be measured, standardized and indicated in the data sheet for the machine tool. An analysis of formulas for the cross-over and transfer functions facilitates selection of optimum conditions. The amplitude-frequency and phase-frequency characteristics of the machine tool during cutting depend on the relationship between the frequency of forced vibrations and the rpm of the workpiece, as well as on the rigidity characteristics and cutting constant. 3 illustrations, bibliography of 7 titles. L. Romancheva. [Translation of abstract]

SUB CODE: 13

hs

Card 2/2

VESELOVA, K.P.

Fertility of winter rye in intracloonal pollination. *Agrobiologia*
no.1:151-153 Ja-F '64 (MIRA 17:8)

1. Severo-Zapadnyy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva, Leningradskaya oblast'.

VESELOVA, K.P.

Economically valuable winter rye clone resistant to lodging. Agrobiologiya
no.4:618-619 J1-Ag '64. (MIRA 17:12)

1. Severo-Zapadnyy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva, Leningradskaya oblast'.

NIKITENKO, Ye.A.; OLENEV, V.A.; VESELOVA, I.A.; KOLIADNYY, S.N.; PIVEN', V.D.;
MED, G.D.

Reviews, Gaz. proza. 10 no.6:51-52 '65.

(MIRA 18:6)

MILOVSKAYA, Ye.B.; ZHURAVLEVA, T.G.; DOLGOPOL'SKAYA, P.I.; VESELOVA, L.I.

Radical polymerization of polar monomers induced by the
system AlR_3 - benzoyl peroxide. Vysokom. soed. 6 (MIRA 17:5)
no.3:412-416 Mr'64.

1. Institut vysokhomolekulyarnykh soyedineniy AN SSSR.

s/0190/64/006/003/0412/0416

ACCESSION NR: AP4030352

AUTHORS: Milovskaya, Ye. B.; Zhuravleva, T. G.; Dolgopol'skaya, P. I.; Veselova, L. I.

TITLE: Radical polymerization of polar monomers induced by AlR_3 - benzoyl peroxide

SOURCE: Vy*sokomolekulyarny* ye soyedineniya, v. 6, no. 3, 1964, 412-416

TOPIC TAGS: polymerization, radical polymerization, polymerization initiator, alkylaluminum compound, triethylaluminum, triisobutylaluminum, polar monomer, vinylacetate, methylmethacrylate, acrylonitrile, benzoyl peroxide

ABSTRACT: Polymerization of the polar monomers vinylacetate, methylmethacrylate, and acrylonitrile was conducted in the presence of the systems $Al(C_2H_5)_3$ - benzoyl peroxide or $Al(iso-C_4H_9)_3$ - benzoyl peroxide as initiator. The polymerization of vinylacetate was conducted in 8-9 mole/liter solutions in benzene. It was found that the optimal conditions yielding polymers with specific viscosities of 0.68 and 0.85 were 1 mole/% of $Al(C_2H_5)_3$ (on the basis of the polymer), a 1/0.25 ratio of $Al(C_2H_5)_3$ to benzoyl peroxide, and temperatures of -25 and 00. The polymeriza-

Card 1/2

ACCESSION NR: AP4030352

tion of methylmethacrylate took place in a 3 mole/liter solution in dimethylformamide at -20 and in a 7-9 mole/liter solution in xylene at -20C (the polymerization in xylene proceeding at a much faster rate). The polymerization of acrylonitrile was conducted in 2-3.5 mole/liter solutions in dimethylformamide. Satisfactory results were obtained only at 20C. It was observed that here the molecular weight reached a high value within a few hours and remained practically unchanged thereafter. The authors show also that polymerization does not occur in the absence of benzoyl peroxide and that it is essential to bring the alkylaluminum portion of the initiator system in contact with the monomer before adding the benzoyl peroxide. Orig. art. has: 2 charts and 2 tables.

ASSOCIATION: Institut vy*sokomolekulyarny*kh soyedineniy AN SSSR (Institute of High-Molecular Compounds AN SSSR)

SUBMITTED: 04Feb63

DATE ACQ: 07May64

ENCL: 00

SUB CODE: CH

NO REF SOV: 006

OTHER: 004

Card 2/2

VESELOVA, L. Ye.

Prognosis of the ice situation in the Caspian Sea and its significance for different branches of the national economy. Trudy okean. kom. 5:111-117 '59. (MIRA 13:6)
(Caspian Sea---Ice)

VESELOVA, L.Ye.; POKUDOV, V.V.

Vertical distribution and diurnal variability of hydrological elements
in the central part of the Pacific Ocean during the winter of 1960.
Trudy Dal'nevost. NIGMI no.12:18-37 '61. (MIRA 14:12)
(Pacific Ocean--Hydrology)

VESELOVA, L.Ye.; SHAPKINA, V.F.

Hydrological observations in tidal seas. Trudy Dal'nevost. NIGMI
no.17:54-61 '64. (MIRA 17:11)

VESELOVA, M.V.

Treatment of traumatic lesions of the brain by infusion of large quantities of kitchen salt. Zhur. nevr. i psikh. 54 no.8:666-670 (MLRA 7:9) Ag '54.

1. Kostromskaya psikhonevrologicheskaya bol'nitsa Ministerstva sdravookhraneniya RSFSR.

(BRAIN, wounds and injuries,

ther., infusion of hypertonic saline solution)

(WOUNDS AND INJURIES,

brain, ther., infusion of hypertonic saline solution)

(HYPERTONIC SOLUTIONS, therapeutic use,
brain inj.)

TYURIN, Yu.M.; VESELOVA, M.V.; KURATOVA, V.A.; KOVSMAN, Ye.P.;
BELOUS, A.P.

Electrolysis of monomethyl ester of adipic acid in methanol
solution. Zhar.prikl.khim. 35 no.5:1082-1092 My '62. (MIRA 15:5)

1. Lisichanskiy filial Gosudarstvennogo instituta azotnoy
promyshlennosti.
(Adipic acid) (Electrolysis)

VESELOVA, N.D.; CHERNIKOVA, R.A.

Use of polyacrylamide in the sizing of combed yarn. Tekst. prom.
24 no.2:39-41 F '64. (MIRA 17:3)

1. Nachal'nik nauchno-issledovatel'skoy laboratorii Bryanskogo kamvol'nogo kombinata (for Veselova). 2. Zamestitel' nachal'nika nauchno-issledovatel'skoy laboratorii Bryanskogo kamvol'nogo kombinata (for Chernikova).

AYBULATOVA, V.T., inzh.; VESELOVA, N.I., inzh.; MIRUSHINA, L.F., inzh.;
OSMOLOVSKAYA, T.A., inzh.; CHAYKOVSKAYA, A.V., inzh.

Elimination of unproductive expenditures is an important potential for lowering costs. Transp. stroi. 12 no.3:38-40 Mr '62.
(MIRA 16:11)

VESELOVA, N.S.

The library is a disseminator of outstanding labor practices.
Tekn.prom. 15 no.2:50-51 Y '55. (MIRA 8:3)

1. Zaveduyushchaya nauchno-tekhnicheskoy bibliotekoy kombinata imeni S.M.Kirova.
(Technical libraries)

VESELOVA, N. S.

"The library as a means of publicity for advanced methods of work, " published by State Publishing House of Light Industry, page 50.

SO: Textile Industry, Moscow 1955.

VESELOVA, N. V.

Water coagulation by ferric chloride in Omsk municipal water
supply. Gig. sanit., Moskva. no.9:44-45 Sept. 1950. (CINL 20:1)

C. 4.

— Coagulation of water with ferric chloride in Omsk municipal waterworks. N. V. Yezlova. *Gigiena i Sanit.* 1950, No. 9, 44-5. — The soln. made up by treatment of Fe shavings with chlorinated water, until a sample tests 400 mg./l. Fe⁺⁺⁺ and 400 mg./l. active Cl, can be effectively used for coagulation and disinfection of water. No significant increase of Fe in the effluent water is caused by the treatment, and taste is improved. The method was approved for water treatment in the Omsk water-supply system.
G. M. Kuzolapoff

WANG, YA-NAN; VESSELOVA, R.G. [translator]; GREBENNIKOVA, Ye.N. [translator];
SAPONOVA, Z.M. [translator]

[Studies in the economic forms of semifeudal and semicolonial
China] Issledovanie ekonomicheskikh form polufeodal'nogo, polu-
kolonial'nogo Kitais. Moskva, Sotsekgiz, 1959. 394 p.
Translated from the Chinese. (MIRA 13:7)
(China--Economic conditions)

ALIKHANYAN, S.I.; MOROZOVA, Ye.S.; VESELOVA, S.I.

Comparative study of the variability in antibiotic synthesis of various strains of *Act. streptomycini* under the influence of ultraviolet rays and ethyleneimine. Antibiotiki 6 no.12:1055-1058 (MIRA 15:2) D '61.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ACTINOMYCES) (ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT)
(ETHYLENIMINE)

PALAMARCHUK, Irina Aleksandrovna; VESELOVA, Tat'yana Dmitriyevna;
KOROBTSOVA, N.A., red.

[Textbook on botanical histochemistry] Uchebnoe posobie
po botanicheskoi gistokhimi. Moskva, Izd-vo Mosk. univ.,
1965. 104 p. (MIRA 18:12)

VESELOVA, T.P., kand. veter. nauk; VELIKOVSKAYA, Yu.A., veterinarnyy vrach;
GORDEYEVA, L.M., biolog.

Role of histamine in the mechanism of the toxic action of carbon tetrachloride in cattle. Trudy VIGIS 10:169-178 '63.

Relation between guanidine and histamine in the toxic process in animals caused by carbon tetrachloride. Ibid.:178-184

(MIRA 17:9)

VESELOVA, T. P.

"The Effect of Pyroplasmine on the Functioning of the Gastrointestinal Tracts of Fur-Bearing and Farm Animals." Sub 24 Sep 51, Moscow Fur and Pelt Inst

Dissertations presented for science and engineering degrees in Moscow during 1951.

SOL Sum. No. 480, 9 May 55

VESELOVA, T.P., dotsent; VOROB'YEV, M.A., mladshiy nauchnyy sotrudnik;
DOROSHINA, M.V., veter. vrach

The fasciolicidal preparation hexachlorparaxyol. Veterinaria
40 no.4:52 Ap '63. (MIRA 17:1)

1. Vsesoyuznyy institut gel'mintologii imeni akademika
K.I. Skryabina.

VESELOVA, T. P.

Stock and Stockbreeding

Effect of "piroplasmin" upon the motor activity of gastrintestinal tract in farm animals.
Veterinariia 29 No. 4 (1952)

9. Monthly List of Russian Accessions, Library of Congress, ~~August~~ August 1952 ~~1953~~ 1953, Unclassified.

VESELOVA, I. P.

Med ✓ The action of calomel and pyroplasmiae on the gastro-intestinal tract of fur-bearing animals. P. E. Radkevich and T. P. Veselova. *Trudy Morkov. Pushno-Melkhozog Inst. 5, 207-211 (1954)*. Calomel (I) has a laxative action on foxes, polar foxes, and mink, the therapeutic doses of which are 0.6 g., 0.2-0.3 g., and 0.1-0.2 g., resp. Pyroplasmine (II) causes a purgative effect on fur-bearing animals in a dose of 0.001 g./kg. of body wt. On the basis of their stimulation of the parasympathetic nervous system, I and II can be used in combination, orally and II subcutaneously. In doses of 0.001 g./kg. of live wt., II causes vomiting and can be considered an emetic. D. M. Chern 2/

~~YESILOVA, T.P.~~

Effect of acriflavane on the gastrointestinal tract. Izv. AN Turk. SSR
no. 4:65-68 '55. (MLRA 9:5)

1. Moskovskiy pushno-mekhovoy institut.
(ACRIFLAVANE) (ALIMENTARY CANAL)

~~VESELOVA, T.P.; VOROB'YEV, M.A.; VELIKOVSKAYA, Yu.A.; KOSTENKO, T.F.;~~
~~DOROSHELNA, M.V.~~

Toxicity of hexachloroethane for cattle. Veterinaria 41
no.4:56-57 Ap '64. (MIRA 17:8)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryatina.

VELIKAYA, T.P., kand. vet. nauk; VOROB'YEV, M.A., mladshiy nauchnyy
sotrudnik; DOROSHINA, M.V., mladshiy nauchnyy sotrudnik;
VELIKOVSKAYA, Yu.A., vet. vrach; KOSTINIKO, T.F., uchenyy
zootekhnik

Significance of the injection of hexachloroethane in medicinal
form to the cattle with fascioliasis. Trudy VIGIS 11:202-206
'64. (MIRA 18:12)

VESELOVA, T.P., dotsent; VELIKOVSKAYA, Yu.A., veterinarnyy vrach

Use of carbon tetrachloride in fascioliasis in cattle. Veteri-
nariia 36 no.7:39-41 J1 '59. (MIRA 12:10)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina. (Liver flukes) (Carbon tetrachloride)

VESELOVA, T.P., kand. vet. nauk; VOROB'YEV, M.A., mladshiy nauchny
sotrudnik

Side effect of carbon tetrachloride in cattle following intra-
muscular injection. Trudy VIGIS 11:22-24 '64. (MIRA 18:12)

POYARKOV, A.A.; VESELOVA, T.P.; VOROB'YEV, M.A.; DOROSHINA, M.V.

Testing hexachloro-para-xylene against fascioliasis in sheep.
Veterinariia 31 no.2:49-50 F '65. (MIRA 18:3)

1. Nachal'nik Oblastnogo veterinarnogo otdela Smolenskoy oblasti
(for Poyarkov). 2. Vsesoyuznyy institut gel'mintologii imeni
akademika K.I. Skryabina (for all except Poyarkov).

~~VESELOVA, T. P.~~ nauchnyy sotrudnik; VOROB'YEV, M.A., mladshiy
nauchnyy sotrudnik

Combined use of carbon tetrachloride and hexachloroethane in
treating fascioliasis in cattle. Veterinariia 39 no.6:31-34
Je '62 (MIRA 18:1)

1. Vsesoyuznyy institut gel'mintologii imeni akademika
K.I.Skryabina.

VESELOVA, T.P.; KUZNETSOVA, V.L.

Substantiation of the methods for the analytical determination
of the phase composition of magnesite refractories. Trudy LTI
no.59:65-69 '61. (MIRA 17:9)

VESELOVA T.F., kand. veterinarnykh nauk; VOROB'YEV, M.A.,
veterinarnyy vrach; DOROSHINA, M.V., veterinarnyy vrach

Possibilities for the application of technical carbon tetra-
chloride in cattle fascioliasis. Veterinariia 39 no.10:29-30
0 '62. (MIRA 16:6)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina.

(Carbon tetrachloride)
(Liver fluke)
(Parasites--Cattle)

DEMIDOV, N.V., kand. vet. nauk; VESELOVA, T.P., kand. vet. nauk

Dehelminthization of cattle in fascioliasis. Veterinariia 36
no.12:12-13 D '59. (MIRA 13:3)

1.Vsesoyuznyy institut gel'mintologii imeni akad. K.I. Skryabina.
(Izver fluke)

VESELOVA, T. P. (Senior Scientific Co-Worker) and VOROB'YEV, M. A. (Junior Scientific Co-Worker, All-Union Institute of Helminthology imeni Academician K. I. Skryabin)

"A combined use of tetrachloride of carbon and hexachloroethane in fasciolosis of cattle"
Veterinariya, vol. 39, no. 6, June 1962 pp. 31

L 4425-66 EWT(l)/EWT(m)/EPP(c)/EWP(j)/T/EWA(m)/EWA(c) IJP(c) RM
ACCESSION NR: AP5017895 UR/0051/65/019/001/0078/0085
535.372:535.373.3:541.65

AUTHORS: Veselova, T. V.; ^{44.85}Limareva, L. A.; ^{44.85}Cherkasov, A. S.;
Shirokov, V. I. ^{44.85}

TITLE: Fluorometric study of the influence of the solvent on the
fluorescence spectrum of 3-amine-N-methylphthalimide ⁵²
⁴⁹

SOURCE: Optika i spektroskopiya, v. 19, no. 1, 1965, 78-85 ¹³
^{21.44.85}

TOPIC TAGS: fluorescence spectrum, light excitation, luminescence,
luminor, organic solvent

ABSTRACT: To obtain additional information on the character of the
intermolecular interaction influencing the position of the fluores-
cence spectra, the authors carried out fluorometric measurements of
the phase delay of the luminescence light, relative to the exciting
light, in narrow spectral sections, covering the entire fluorescent
spectrum of solutions of 3-amine-N-methylphthalimide in mixtures of
n-heptane + pyridine and n-heptane + n-butanol at 20C, and in pure.

Card 1/3

L 4425-66

ACCESSION NR: AP5017895

n-butanol at 20 -- -183C. The fluorometric measurements were carried out with the GOI fluorometer of 1958 (A. M. Bonch-Bruyevich et al., PTE no. 2, 53, 1958) at an exciting-light modulation frequency of 11.2 Mc. The narrow sections of the fluorescent spectra were separated with a UM-2 monochromator. The fluorometric phase in heptane solutions with small addition of pyridine and n-butanol was found to vary over the spectrum. This is attributed to the formation of hydrogen bonds between the molecules of the luminor and the active solvent. A similar phenomenon observed in a butanol solutions is examined over a certain temperature range from the viewpoint of re-orientation of the solvent molecules to an equilibrium configuration corresponding to the excited luminor molecule. In the butanol, as the temperature increased from -183 to 20C, the fluorescence spectrum shifted to the red, and a change in the ϕ phase developed, becoming particularly strong at -70 -- -90C, decreasing with further increasing temperature, and practically disappearing at 20C. In the case of the heptane solution, addition of pyridine shifted the fluorescence spectra to the red and strengthened the dependence of the phase on the frequency. This dependence weakened with increasing pyridine concen-

Card 2/3

L 1125-66

ACCESSION NR: AP5017895

3

4455
tration. 'We thank V. V. Zelinskiy for supplying the 3-amine-N-methylphthalimide.' Orig. art. has: 5 figures and 8 formulas.

ASSOCIATION: None

SUBMITTED: 13Apr64

ENCL: 00

SUB CODE: OP, GC

NR REF SOV: 011

OTHER: 001

Card 3/3

YESLOVA, T.V.; DIMAROVA, D.D.; CHEREKASOV, A.S.; SHIROKOV, V.Y.

Fluorescence detection and study of processes which are accompanied by a change in the spectral composition of the luminescence due to sampling. Izv. AN SSSR. Ser. fiz. 29 no.8:1340-1348 '65. (MIRA 18:8)

L 65231-65 EPP(c)/SMT(1)/EWP(E)/EWP(3)/EWA(c) IJF(c)/RPL JW/RM

ACCESSION NR: APS020196

UR/0013/55/029/008/1310/1318 41
39

AUTHOR: Veselova, T. V.; Limareva, L. A.; Cherkasov, A. S.; Shirokov, V. I. 14 55

TITLE: Fluorometric detection and investigation of processes accompanying change of the spectral composition of luminescence during its decay (Report, 11th Conference on Luminescence held in Moscow 27 June to 1 July 1964)

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 5, 1965, 1345-1348

TOPIC TAGS: phosphorescence, solution property, luminescence spectrum, time constant

ABSTRACT: The fluorometric phase spectra of a number of fluorescent systems were measured with an apparatus and technique that have been described elsewhere (A.M. Cherkasov, V.A. Kolchanov, and V.I. Shirokov, Pribery i tekhnika

10 di 2-vinylanthracene in alcohol

Card 1/3

L 65231-65

ACCESSION NR: AP5020/96

terms of a four-level excitation scheme. The fluorescence of 2-vinylanthracene in alcohol solution was investigated. The wavelength variation of the fluoromet- considerable at 20°C and barely perceptible at -183°. The results

OKHAPKIN, Konstantin Afanas'yevich, kand.sel'skokhoz.nauk. Prinsipali.uchastiye:
IVIN, I.A., kand.sel'skokhoz.nauk, starshiy nauchnyy sotrudnik; LARIONOV, A.P., kand.ekonom.nauk, starshiy nauchnyy sotrudnik; BRAN'KOV, P.G., mladshiy nauchnyy sotrudnik; KARPUSHENKO, A.I., mladshiy nauchnyy sotrudnik; NOVIKOVA, Ye.S., mladshiy nauchnyy sotrudnik; HUMYANTSEVA, T.V., mladshiy nauchnyy sotrudnik; ARKHIPOVA, V.F.; VESKLOVA, V.I.; ZANTSEVICH, R.M.; KHRAMOVA, A.M.; YELFIMOVA, Ye.V., aspirantka. POTAPOV, Kh.Ye., red.; PONOMAREVA, A.A., tekhn.red.

[Economic effectiveness of monetary wages on collective farms]
Ekonomicheskaya effektivnost' denezhnoi oplaty truda v kolkhozakh.
Moskva, Gosplanizdat, 1960. 217 p.

(MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva (for Ivin, Larionov, Bran'kov, Karpushenko, Novikova, Humyantseva, Yelfimova). 2. Nauchno-tekhnicheskiye sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Arkhipova, Veselova, Zantsevich, Khramova).
(Wages) (Collective farms)

VESELOVA, V.V., dotsent; NIKITINA, Ye.I.

Clinical and anatomical parallels in meningiomas
(arachnoidendotheliomas) of the brain. Trudy OMF no.54:
27-35 '64. (MIRA 18:9)

1. Iz kafedry patologicheskoy anatomii (zav. zasluzhenny
deyatel' nauki prof. I.S. Novitskiy) Omskogo meditsinskogo
instituta i oblastnoy klinicheskoy psikhonevrologicheskoy
bol'nitsy (glavnyy vrach N.N. Solodnikov).

USSR/Human and Animal Morphology (Normal and Pathological).
Digestive System

S-2

Abstr Jour : *Russk Zhur - Biol.*, No 12, 1958, No 55034

Author : Vosolova V.V.

Inst : ~~OMSK~~ Institute of Medicine.

Title : The Problem of Acute Yellow Liver Atrophy in Children.

Orig Pub : *Tr. Omskogo med. in-ta*, 1957, No 22, 197-207

Abstract : On the basis of clinical and postmortem data it was established that acute yellow liver atrophy was the outcome of Botkin's disease in 15 investigated cases. The morphological changes in the liver were of an inflammatory nature, predominantly with lesion components. Within the transition of Botkin's disease into acute yellow atrophy, the role played by allergic mechanisms is stressed. The necrosis of parenchymatous elements and of fibrous changes of the blood vessel walls is considered a morphological manifestation of an allergic reaction. Its occurrence is based upon infections endured earlier, as well as upon intoxications and nutritional imbalance.

Cord : 1/1

VESELOVA, Ye.

For the new man. Sov.profsoiuzy 16 no.11:26-30 Je '60.
(MIRA 13:6)

1. Preisedatel' tsekhovogo komiteta profsoyuza Sosnevskoy otdelochnoy
fabriki imeni F.N.Samoylova.
(Labor and laboring classes)

VESKOVA, Ye.A.; DEMIKHOV, V.P.

On the question of the mechanism of bradycardia induced by cardiac glycosides. *Biul.eksp.biol.i med.* 47 no.8:76-80 Ag '59. (MIRA 12:11)

1. Iz kafedry farmakologii (zav. - deystvitel'nyy chlen AMN SSSR V.V. Zakusov) i laboratorii po peresadke organov pri kafedre operativnoy khirurgii (zav. V.F. Demikhov) I Moskvoskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Zakusovym.

(BRADYCARDIA exp.)

(CARDIAC GLYCOSIDES eff., inj.)

VESELOVA, Ye.A.

Effect of cardiac glycosides on coronary circulation and absorption of oxygen by the heart experimental myocardial infarction.
Biol. eksp. biol. i med. 55 /i.e. 6/ no.10:57-62 0'63
(MIRA 17:8)

1. Ia kafedry farmakologii (zav.- deystvitel'nyy chlen AMN SSSR prof. V.V. Zakusov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Selezneva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Zakusovym.

VESELOVA, Ya.A.

Effect of strophanthin on coronary circulation and myocardial oxygen requirement in experimental myocarditis. *Biul. eksp. biol i med.* 50 no.12:52-57 D '60. (MIRA 14:1)

1. In kafedry farmakologii (sav. - deystvitel'nyy chlen AMN SSSR, V.V. Zakusov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Zakushovym.

(HEART)

(STROPHANTHIN)

(CORONARY VESSELS)

VESELOVA, Yelena Aleksandrovna

Of the Changes in Intensity of Actions of ?strophantine? in an Isolated Heart Under the Influences of Active Reaction of the Surroundings.

Dissertation for candidate of a Medical Science degree. Chair of Pharmacology (head, Prof. K.A. Shmelev) Saratov Medical Institute, 1945

VESELOVA, E. A.

Chem Abs 448

1-25-54

nutrition

✓ The influence of vitamin C on the course of sovarsen intoxication. E. A. Veselova (Med. Inst., Saratov). *Farmakol. i. Toksikol.* 10, No. 4, 27-29 (1953). Vitamin C has a detoxicating property on the action of several poisons. Mice were injected intramuscularly with vitamin C. Big doses of vitamin C introduced before sovarsen (I) aggravated the poisoning and increased sensitiveness of the respiratory center (asphyxiating convulsions). When 1 mg. vitamin C per 20 g. was introduced intravenously together with I, 70% of the mice survived. If 5 mg. of vitamin C per 20 g. was introduced, the mice perished. When introduced after I, there was no action. I. Goldenberg

②
 0
 Clin Pharmacology
 RA

Effects of barbitals narcosis and acetic acid on de-
velopment of experimental fatty degeneration in rabbits after
surgical dosage. E. A. Moshova (Minsk Inst. Surgery)
Izv. Akad. Nauk SSSR Ser. Med. Biol. Sci. 1958, 11, 1-4

VESELOVA, Ye.A.

Effect of ganglion-blocking agents (mecamine, hexonium) on the development of cardiac glycoside activity. Farm.i toks. 22 no.5:406-410 8-0 '59. (MIRA 13:3)

1. Kafedra farmakologii (zaveduyushchiy - deystvitel'nyy chlen AMN SSSR prof. V.V. Zakusov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(AUTONOMIC DRUGS pharmacol.)
(CARDIAC GLYCOSIDES pharmacol.)

VESELOVA, Ye. A.

MAO TON-MIN [Mao T'ang-ming]; SYUY LI-YAN [Hsu Li-na]; YAN ZHUY-CHZHEN
[Yang Jui-cheng]; TSAN CHZHI-TSUY [Ts'ui Chih-Ts'ui]; VESELOVA, Ye. A.

Effect of *Eucommia* on the vascular system in rabbits under normal
conditions and in cholesterol atherosclerosis. *Farm. i toke.* 20
no.5:71-75 S-0 '57. (MIRA 10:12)

1. Kafedra farmakologii (zav. - dotsent CHuan) Pekinskogo meditsin-
skogo instituta i kafedra farmakologii (zav. - prof. A.M.Preobrachen-
skiy [deceased]) i Moskovskogo ordena Lenina meditsinskogo instituta

(PLANTS, effects,

Eucommia in vasomotor system in normal & arteriosclerotic
rabbits (Rus))

(ARTERIOSCLEROSIS, experimental,

eff. of *Eucommia* on vasomotor system (Rus))

(BLOOD VESSELS, effect of drugs on,

Eucommia, on vasomotor system in normal & arteriosclerotic
rabbits (Rus))

SMIRNOVA-IKONNIKOVA, M.I.; VESNILOVA, Ye.P.

Enzymatic properties of protein fractions in the seeds of pulse
crops. Dokl. AN SSSR 120 no. 4:849-852 Je '58. (MIRA 11:8)

1. Vsesoyuznyy institut rasteniyevodstva. Predstavleno akademikom
A.I. Kursanovym.

(Enzymes)
(Proteins)
(Legums)

SOV/20-120-4-44/67

AUTHORS: Smirnova-Ikonnikova, M. I., Veselova, Ye. P.

TITLE: Fermentative Properties of Protein Fractions in the Seeds of Leguminous Crops (Fermentativnyye svoystva belkovykh fraktsiy semyan zernovykh bobovykh kul'tur)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 4, pp.849-852 (USSR)

ABSTRACT: According to previous investigations the proteins of these seeds consist of three protein groups: a water soluble, a salt solution soluble, and an alkali solution soluble one. The ratio between the protein fractions within the total protein complex varies according to the particular biological features of the sort and species and according to breeding conditions (Refs 1-5). Apparently these modifications are caused by particular properties of these proteins, which take an active part in metabolism. From the evidence obtained in references 6 - 9 it could be assumed that the protein fractions in the seeds of leguminous plants also possess fermentative properties. In order to solve this problem the authors investigated

Card 1/3

SOV/20-120-4-44/67

Fermentative Properties of Protein Fractions in the Seeds of Leguminous Crops

the fermentative properties of each protein fraction. They only intended to disclose the catalytic properties of the proteins. For this purpose solutions of the fractions were immediately used, which were produced by means of the adopted method (Ref 5). For purposes of comparison the activity of Sophora japonica, maize, rye, wheat and potato that is to say of catalase, peroxidase, amylase and invertase of proteolytic ferments and of urease were examined. Table 1 shows the proportion of individual protein groups in the seeds, which is not equal everywhere. Table 2 shows the results of the investigation of the fermentative activity of the fractions mentioned initially. Hence, it appears that the investigated fractions contain complexes exhibiting fermentative properties. Among these ferments the activity of catalase, peroxidase and amylase is the most pronounced. The proteolytic activity of all proteins was very weak, the proteins of that water soluble fraction being the most active which contains the maximum number of reactive groups. The proteins of the acid solution soluble fraction are the least active. The water-acid-solution soluble fraction takes up an intermediate position. These proteins apparently possess a particular

Card 2/3

SOV/20-120-4-44/67

Fermentative Properties of Protein Fractions in the Seeds of Leguminous Crops

form of globula, which is lacking a sufficient number of active groups at the surface. Subject to certain conditions, however, they are able to pass over to an active form. Some light is shed on this question by the investigations of V. L. Kretovich and T. I. Smirnova (Ref 9). In monocotyledones the active proteins are concentrated in the embryo, the endosperm being free of ferments. There are 2 tables and 11 references, 11 of which are Soviet.

ASSOCIATION: Vsesoyuznyy institut rasteniyevodstva
(All Union Institute of Plant Breeding)

PRESENTED: October 9, 1957, by A. L. Kursanov, Member, Academy of Sciences, USSR

SUBMITTED: October 8, 1957

1. Protein solutions--Properties
2. Proteins--Metabolism
3. Seeds--Physiology
4. Enzymes--Performance
5. Proteins--Catalytic properties

Card 3/3

VESELOVA, Z. I.

Deceased

Refractories

See ILC

SMIRNOVA-IKONNIKOVA, M.I.; VESELOVA, Ye.P.

Effect of the geographical factor on the protein content and composition
of pulse seeds. Biohim.serna no.5:228-247 '60. (MIRA 14:5)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Proteins, (Legumes)

SMIRNOVA-IKSHIKOVA, M.I., kand. biol. nauk; VESLOVA, Ye.P.

Qualitative composition of the free amino acids of pulse
crop seeds and their partition by means of electrodialysis
and paper chromatography. Trudy po prikl. bot., ser. 1 vol.
37 no. 1:69-94 '65 (MIRA 19:1)

VESELOVA, YE. P., SMIRNOVA-IKONNIKOVA, M.I., IVANOV, N.R., (USSR)

"Effect of Prolonged Storage on the Fractional Composition of the
Proteins, Enzyme Activity and the Germination of Leguminous Seeds.

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

SMIRNOVA-IKONNIKOVA, M.I., kand. biol. nauk; VESELOVA, Ye.P.; PETROVA, T.M.

Accelerated method of quantitative determination of tryptophan
in the grain of corn and pulse crops. Trudy po prikl. bot.,
gen. i ser. 37 no. 1:169-171 '65 (MIRA 19:1)

VESKLOVS, I.

Seminars, important means of propaganda for economic sciences.
p. 53. PADOMJU LATVIJAS KOMUNISTIS, Riga. Vol. 11, no. 5,
May 1956.

SOURCE:

East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

F

4904. RECOGNITION OF INITIAL STAGE OF OXIDATION OF COALS. Venelevskii, V. S. and Orleanskaya, G. L. (Invest. Akad. Nauk ser. Otdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), July 1951, 1041-1045). Initial oxidation is not as yet recognizable by ultimate analysis. It has a bearing on spontaneous ignition and on the assessment of coals used for coking. It was found in experiments that ignition temperature is a very sensitive indicator of oxidation. This fact is made the basis for a new suggested method for the recognition of oxidized coals.

120 AND 4TH EDITION

1ST AND 2ND EDITIONS PROPERTIES AND PROPERTIES INDEX

B-1-4

Effect of various factors on the electrodeposition of chromium.
 N. D. Barjakov and E. I. Gerasimov, *Zh. Fiz. Khim.*, 1946,
 20, 1818-1821. — Cr deposited at various c.d. on W and on
 Ni from a solution of CrCl₃ and H₂SO₄. When the c.d. rose from 4
 to 7 amp./dm² (on W) or from 2 to 13 amp./dm² (on Ni), the ratio
 of Cr to Fe in the deposit rose from 100% to 100% by Cr₂O₃. ρ_c = rate of
 electrodeposition of Cr and the average crystal size ($10^{-2} \times 10^{-4}$ cm.)
 of Cr decreased as higher c.d. were used and the particle size depended
 little on c.d. Below 2.5 amp./dm² the electrodeposit was glossy
 and at higher c.d. dull. Cathodic potential varied with c.d. similarly
 to Fe/W.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

SERIALS ONE ONE 111

SERIALS ONE ONE 111

SERIALS ONE ONE 111

PELESKA, B.; MARKOVA, J. Technicka spoluprace: RABL, M.; VESELOVSKA, M.

Relationship of the peripheral motor response and the depth of
pentothal anesthesia in corticostimulation. Cas.lek.cesk 100 no.13:
404-409 31 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta
prof. dr. B. Spacek.

(THIOPENTAL anesth & analgesia)
(CEREBRAL CORTEX physiol)
(PERIPHERAL NERVES physiol)

PELESKA, B.; MARKOVA, J.; technical assistance: RABL, M.; VESELOVSKA, M.

"Kortikostimulator Prema" - an electronic stimulator for exciting the cerebral cortex. Rev.Czech. M.6 no.4:266-277 '60.

1. Institute for Clinical and Experimental Surgery, Prague -
Kor. Director: Prof. B. Spacek, M.D.
(CEREBRAL CORTEX)
(ELECTRONICS)

MERLIS, V.M.; BAGREYEVA, M.R.; VESELOVSKAYA, G.G.

Determining the narcotine content in opium. Med. prom.
16 no.2:46-48.F '62. (MIRA-15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsev-
ticheskiy institut imeni Ordzhonikidze.
(OPIUM)
(NARCOTINE)

7

m.a.

The Effect of Current Density on the Deposition of Chromium. N. D. I. ryukov and I. E. Yevlovskaya (Zhur. Priklad. Khimii (J. Applied Chem.)), 1949, 13, 1315-1320; C. Abstr., 1941, 35, 2422.—[In Russian.] Cf. *Met. Abs.*, 1942, 9, 49. The current efficiency (K) of chromium deposition v. c.d. is not a log function. Lustrous deposits of chromium on polished iron were obtained at a c.d. of 2-7 amp./in.²; dull deposits, above 7 amp./in.². The value of K varied with the change in appearance and the structure of the deposit; thus, at 7 amp./in.² an inflection point was observed on the curve

K v. c.d. and on the curve grain-size v. c.d. Chromium on polished electrolytic nickel also had a corresponding variation of K and of grain-size, but the values of these were twice those during deposition on polished iron. In this case, the inflection point was at c.d. 13-18 amp./in.². The cathode potential during chromium deposition at the c.d. 7-8 amp./in.² varied approx. logarithmically. Thus, the cathode potential had a minimum corresponding to the minimum in the curves for K and for grain-size.

1943

VESELOVSKAYA, I. A. Cand Biol Sci -- (diss) "Effectiveness of the bacterization of alfalfa in the light-gray forest-and-steppe soils of the Gor'kovskaya Oblast." Gor'kiy, 1958. 17 pp (Min of Agr USSR. Gor'kiy Agr Inst), 150 copies (KL, 52-59, 118)

KOZLOV, V.V.; VESELOVSKAYA, I.K.

Naphthalene series. Part 20: Kinetics of the reaction of α -naphthol with aqueous solutions of ammonia and ammonium sulfite. Zhur. ob. khim. 30 no.12:4088-4092 D '60. (MIRA 13:12)

1. Moskovskiy inatitut narodnogo khozyaystva imeni G.V.Flekhanova.
(Naphthol) (Ammonia) (Ammonium sulfite)

KOZLOV, V.V.; VESELOVSKAYA, I.K.

Investigation of the naphthalene series. Part 18: Kinetics of the reaction of β -naphthol with aqueous solutions of ammonia and ammonium sulfate. Zhur.ob.khim. 28 no.12:3333-3338 D '58. (MIRA 12:2)

1. Moskovskiy institut narodnogo khozyaystva.
(Naphthol) (Ammonia) (Ammonium sulfate)

AUTHORS: Kozlov, V. V., Veselovskaya, I. K. SOV/79-28-12-39/41

TITLE: Investigations of the Naphthalene Series (Issledovaniya v naftalinovom ryadu) XVIII. On the Reaction Kinetics of β -Naphthol With Aqueous Ammonia and Ammonium Sulfite Solution (XVIII. O kinetike vzaimodeystviya β -naftola s vodnymi rastvorami ammiaka i sul'fita ammoniya)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 12, pp 3333 - 3338 (USSR)

ABSTRACT: The amination reaction of naphthols with aqueous solutions of ammonia in the presence of salts of sulfurous acid is of practical importance to the synthesis of naphthylamines. The chemism of such a reaction was suggested by N. N. Vorozhtsov (Ref 1) and further explained by the authors according to scheme(1). Naphthol can according to this scheme, enter reaction with sulfites in the hitherto not isolated keto as well as in the enol form producing an affiliation product corresponding to the keto form. The kinetic character of this reaction process has not been described either. The results obtained in the reaction of β -naphthol (melting point 122°) with aqueous ammonia in the presence of ammonium sulfite

Card 1/3

Investigations of the Naphthalene Series. XVIII. On the SOV/79-28-12-39/41
Reaction Kinetics of β -Naphthol With Aqueous Ammonia and Ammonium Sulfite
Solution

are given below in detailed equations. The amination took place in a rotating steel autoclave at 150-180°. The rate of the whole amination process is determined by the first phase, i.e. by the rate of the reaction of β -naphthol with bisulfite (NH_4HSO_3 or NaHSO_3). The affiliation product of scheme (1) has a high mobility and therefore keeps reacting with ammonia under the formation of naphthyl amine. The transformation velocity of β -naphthol depends on time and temperature; it is directly proportional to the product of the concentrations of naphthol and bisulfite, and is independent of the concentration of ammonia. The amination velocity can also be caused to depend on the concentration of the decreasing ammonium sulfite. In that case the reaction rate is directly proportional to the product of the concentrations of β -naphthol and sulfite, and is reversely proportional to the concentration of ammonia. Tables, figures and equations illustrate the role played by the concentration of ammonia and β -naphthol, the amount of ammonium sulfite,

Card 2/3

Investigations of the Naphthalene Series. XVIII. On the SOV/79-28-12-39/41
Reaction Kinetics of β -Naphthol With Aqueous Ammonia and Ammonium Sulfite
Solution

time and temperature in the amination of β -naphthol. There
are 2 figures, 5 tables, and 5 references, 3 of which are
Soviet.

ASSOCIATION: Moskovskiy institut narodnogo khozyaystva (Moscow Institute
of National Economy)

SUBMITTED: August 22, 1957

Card 3/3

VESELOVSKAYA, I. K.

VESELOVSKAYA, I. K. -- "The Interaction of Biphenyl with Methyl Chloride on Aluminum Oxide." Min Higher Education USSR. Moscow Order of Lenin Chemcotechnological Inst imeni D. I. Mendeleev. Moscow, 1955. (Dissertation for the Degree of Candidate in Chemical Sciences)

SO: Knizhnaya Letopis', No 1, 1956, pp 102-122, 124

KOZLOV, V.V.; VESELOVSKAYA, I.K.

Naphthalene series. Part 21: Action of ammonia on naphthoates
and certain naphthol esters. Zhur.ob.khim. 31 no.8:2662-
2667 Ag '61. (MIRA 14:8)
(Naphthoic acid) (Ammonia) (Naphthol)

KOZLOV, V.V.; VESELOVSKAYA, I.K.

Naphthalene series. Part 22: Amination of dihydroxynaphthalenes.
Zhur.ob.khim. 31 no.9:3030-3033 S '61. (MIRA 14:9)
(Naphthalenediol) (Amination)

SHALAYEVA, L.F.; MARAKHONOV, I.A.; VESELOVSKAYA, L.N.; DOMAREVA, N.M.;
IL'CHENKO, P.A.; SEMENOVA, A.S.; NIKOLAYEVA, I.I.

Polydispersion and structure of medium-pressure polyethylene.
Plast. massy no.4:5-10 '65. (MIRA 18:6)

C.A.

The use of carbon electrodes for the spectrographic analysis of alloys. I. M. Veselovskaya, V. G. Koritskii, and L. N. Filimonov (Sverdlovsk IIR, Moscow). *Zh. redskaya Lab.* 10, 438-46 (1960).—Since C electrodes emit no metallic vapors and provide a reducing oxide coat greatly retard the formation of a nonconducting oxide coat on the electrode during sparking. The sparked area is therefore larger, and local heating slower, than when both electrodes are metal. The Fe spectrum attains max. intensity much faster in O₂ than in air or N₂. Steels which oxidize fastest attain max. intensity fastest during sparking; the spark-off period should be varied accordingly.

Cyrus Feldman

USSR/Metals - Alloys
Spectrum Analysis

Apr 50

"Application of the Carbon Electrode for Spectrum Analysis of Alloys," I. M. Veselovskaya, V. G. Koritskiy, L. N. Filimonov, Moscow Inst of Steel ment I. V. Stalin, 8 1/2 pp

"Zavod Lab" Vol XVI, No 4

PA 160770

Discusses application of carbon electrode in spectrum analysis. Carbon electrode, having definite advantages in application to analyzing low-alloy steels, may lead to systematic errors when used for analysis of some high-alloy steels, as stainless, acid-resisting, and heat-resisting alloys, 160770

USSR/Metals - Alloys (Contd)

Apr 50

and also of alloys on bases of copper, nickel, cobalt, and other metals. Investigates and discusses influence of carbon electrode on analysis process, and compares its action with that of metal electrodes.

VESELOVSKAYA, I. M.

160770

CA

7

Spectrochemical determination of chromium in carbide residues. I. M. Stechovskaya and V. G. Kozitski (Soviet Steel Inst., Moscow). *Zashchita Lab.* 10, 433-3 (1959).
- Condensed spark with the hollow electrode packed with the test carbide and powder. Cu gives 0.1-1.4% accuracy of Cr detn. when samples with 10-21% Cr are analyzed and the Cr 2830.47 Å. and Cu 2824.37 Å. lines are used.
G. M. Kosolapoff

VESELOVSKAYA, I.M.

Using a photoelectric apparatus for spectrum analysis in the "Serp i molot" plant. Zav.lab.22 no.11:1378-1383 '56. (MLRA 10:2)

1. Metallurgicheskiy zavod "Serp i molot."
(Spectrum analysis) (Physical instruments)

SHALAYEVA, L.F.; DOMAREVA, N.M.; ANDREYEVA, I.N.; VESELOVSKAYA, L.N.;
NIKOLAYEVA, I.I.; GOL'DENBERG, A.L.

Study of the polydispersity and structure of the copolymer of ethylene
with propylene. Plast. massy no.2:9-12 '65. (MIRA 18:7)

TESTS: polyethylene, fractionation, dispersion characteristics, (Nickel extraction method) / GRS 50 radiation source, 1000 microcuries

SYNOPSIS: The sample was irradiated with a GRS 50 radiation source for a period of 1000 hours. The sample was then fractionated and the dispersion characteristics were determined. The results are given in the table below.

C ₂ H ₄	0.0028-0.0035
CO ₂	0
CO	0
H ₂ O	0.07-0.12 g/m ³

Special test equipment included a GRS 50 radiation source for measuring degrees of

L 45164-65

ACCESSION NO: AF5009511

that the degree of crystallization of the first fractions (the large molecular fractions) is a little lower than that of unfractionated polyethylene. Roentgen diffraction curves (2- θ rotation) are given for several samples. The study was made of the effect of the amount of the first fractions on the crystallinity.

At 100°C the samples were subjected to a certain amount of displacement under stress. The results are given in the form of graphs and tables.

The effect of the amount of the first fractions on the effect of medium pressure is also discussed.

ASSOCIATION: *None*

SUBMITTED: 00

ENCL: 00

SUB CODE: *MF*

NO REP SOV: 003

OTHER: 012

Card 2/2 7/68

SAZHIN, B.I.; SHUVAYEV, V.P.; VESELOVSKAYA, L.N.

Determining the molecular weights of polymers by the electric
resistance of their solutions. *Plast. massy no.11:48-50*
'65. (MIRA 18:12)

28 (5)

AUTHORS:

Gegechkori, N. M., Perminova, V. M., 50V/32-25-8-28/44
Veselovskaya, I. M., Gusarskiy, V. V., Kozovlev, I. A.,
Dem'yanchuk, A. S., Galishnikova, Z. P., Pedan, G. A., Mamot,
Zh. A., Stukovenkova, K. N., Sukhenko, K. A., Barasheva, T. V.,
Tishin, I. G., Amirkhanov, Sh. Kh.

TITLE:

News in Brief

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 8, pp 981-983 (USSR)

ABSTRACT:

1) The authors determined the impurities of Si, Fe, Al, Mn, Mg, Cu, Ca, Bi, Pb, Sb, and Na in thorium dioxide with a sensitivity of 10^{-2} - $10^{-4}\%$ by burning a briquette from the sample mixed with carbon powder (3:1) in the crater of a carbon electrode type "ryumka". The spectograph ISP-22 was used. The analytical doublets are listed. 2) The author reports on the application of a photoelectric device FES-1 for the rapid analysis of open-hearth furnace slag for silicon dioxide (15-30%), calcium oxide (25-55%) and complete iron (5-15%). There is a description of the operational method. 3) The laboratoriya zavoda (Plant laboratory) applies a spectrum method for the determination of titanium impurities (of an approximately 0.01% concentration) in aluminum

Card 1/4